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Seidl et al.(10) **Pub. No.: US 2014/0245412 A1**(43) **Pub. Date: Aug. 28, 2014**(54) **LINKING CREDENTIALS IN A TRUST
MECHANISM****Publication Classification**(51) **Int. Cl.****H04L 29/06** (2006.01)**H04L 9/32** (2006.01)(52) **U.S. Cl.****CPC . H04L 63/08** (2013.01); **H04L 9/32** (2013.01)**USPC 726/7; 713/168**(75) Inventors: **Robert Seidl**, Konigsdorf (DE); **Norbert
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ABSTRACT

A system is described in which a user is able to generate multiple credentials, each of which includes one or more anchor attributes. Since all credentials contain the anchor attribute(s), the user can offer credentials to a relying party even if he has lost his original secret key. In this way, if a user loses a private key used to sign a credential, then he can use a credential signed by a different private key and still have that credential accepted at a relying party that knows the first credential. Furthermore, the invention enables a user to distribute his identity over multiple identity management systems.

